6: Gazetteer G-5 (ca. 1840-1883) 1883-4 AJ4 W. Tibetans AJ4

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Crops and system of husbandry in Láhaul and Spiti.

In the lower part of Pattan, in Láhaul, a double harvest of barley and buck-wheat is got off the land in the course of the spring, summer, and autumn. In the rest of Láhaul and in Spiti the single crop is sown in May and reaped in September; the system of cultivation is very simple; the field is first well soaked with water turned on from the canal; when the water has disappeared, the seed is scattered broadcast over the surface of the ground, and then ploughed in. Except perhaps a little weeding, nothing more remains to be done but to occasionally let on the water again; without irrigation cultivation is never attempted. Ploughing is done with *chúrú* or hybrid *yáks*, which are stronger and hardier than pure-bred oxen; the pure *yák* is not sufficiently docile. Vegetables are not grown by the people in Láhaul or Spiti, though European vegetables introduced by the Moravian Missionaries at Kyelang, are said to thrive admirably. Spiti has no fruits. In Láhaul apricots are sparsely grown in the Chandra Bhága valley, but the fruit does not ripen at any considerable altitude. There are also a few walnut trees in the same locality. Wild strawberries, a small cherry, a sour apple, and a species of wild gooseberry are also produced in Láhaul.

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Production and consumption of food grains.

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Láhaul is not self-feeding, wheat, barley, and rice being imported from Kúlu; but large quantities are exported towards Tibet in exchange for salt. Barley and buck-wheat are the principal crops. In Pattan, the valley of the united Chandra Bhága, it is possible to get two crops in the same year. The first kind sown is an early kind of barley known as *tangzad*, which ripens in about ten weeks; after it is sown *bosotan*, a kind of buck-wheat, which ripens in two months. This is possible in good years only; and sometimes the buck-wheat does not ripen. Spiti supports its own population, and even exports grain in exchange for salt, iron and the like. Mr. Lyall writes: "Major Hay puts the annual export of grain from Spiti at 1,500 *khal*, of which 1,000 went in barter to Tibet,* 250 to Basáhir, and 250 to Rúpshú, in Ladákh. The *Nono*, when pressed by Mr. Egerton, estimated it at 2,000 *khal*. After comparing the best estimate I can make of the total produce with the amount which must be consumed by the population according to the last Census, it is clear that there cannot be much more than 2,000 *khal* available for export from Spiti." The *khal* may be taken as a little under 20 seers.

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SECTION B.—LIVE-STOCK.

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Live-stock in Láhaul and Spiti.

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In Láhaul sheep and goats are kept both for the sake of their flesh and wool, and for the carrying trade between India and Tibet. The usual load of a sheep or goat is about 24 to 30lbs. In winter most of the flocks move with their owners into Kúlu. Mr. Lyall estimates their number at 16,000 head. The Spiti landholders, not being engaged in the carrying trade, keep only a few sheep or goats,

* It is not sold, but is bartered or exchanged at fixed customary rates for wool and salt. In these countries all trade was formerly conducted in this way; the equivalent value of each article in terms of other articles of trade being fixed, and remaining unchanged for generations.